

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR2004/050310

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/00 C07K14/02 A61K48/00 C12Q1/68 C07K16/08  
C12N15/34 A61K39/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, SEQUENCE SEARCH, BIOSIS, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE GENBANK 'Online! 3 June 2003 (2003-06-03) "605 bp DNA linear BCT 03-JUN-2003 Pseudomonas pseudoalcaligenes bphR2 gene for transcriptional regulator, complete cds. Pseudomonas." retrieved from NCBI Database accession no. AB088347 XP002319927 the whole document &amp; WATANABE,T., FUJIHARA,H. AND FURUKAWA,K.: "Characterization of the Second LysR-Type Regulator in the Biphenyl-Catabolic Gene Cluster of Pseudomonas pseudoalcaligenes KF707" J. BACTERIOL., vol. 185, no. 12, June 2003 (2003-06), pages 3575-3582, XP002290937 the whole document</p> <p style="text-align: center;">-/--</p>	<p>3,4,7,8, 13,14, 25-28, 30,32,33</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

3 March 2005

Date of mailing of the international search report

06/04/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>---            DATABASE GENBANK 'Online!            "GSS name: pacs2-164_302.s1 Pseudomonas            aeruginosa genomic clone pacs2-164_302,            DNA sequence"            retrieved from NCBI            Database accession no. BZ561022            XP002290938            the whole document            &amp; SPENCER,D.H., RAYMOND,C.K., SMITH,E.E.,            SIMS,E.E., HASTINGS ,M., BURNS,J.L.,            KAUL,R., OLSEN,M.: "Whole-Genome-Sequence            variation among multiple isolates of            Pseudomonas aeruginosa library"            J BACTERIOL.,            2002,</p>	3,4,7,8, 19-22
P,X	<p>---            WO 03/055994 A (INSERM INST NAT SANTE ET            RECH ; BIO MERIEUX (FR); BEDIN FREDERIC            (FR);) 10 July 2003 (2003-07-10)             the whole document</p>	3-6,11, 12, 25-28, 30, 32-49, 51-59
A	<p>---            DENIS F ET AL: "LES NOUVEAUX VIRUS DES            HEPATITES E, GB ET SUIVANTS. NEW HEPATITIS            VIRUSES E, GB AND NEXT"            TRANSFUSION CLINIQUE ET BIOLOGIQUE,            ARNETTE-BLACKWELL, PARIS, FR,            vol. 1, no. 3, 1996, pages 19-25,            XP000612674            ISSN: 1246-7820            the whole document</p>	1
A	<p>---            BOWDEN D S ET AL: "NEW HEPATITIS VIRUSES:            ARE THERE ENOUGH LETTERS IN THE ALPHABET?"            MEDICAL JOURNAL OF AUSTRALIA, XX, XX,            vol. 164, no. 2, 1996, pages 87-89,            XP000612664            the whole document            -----</p>	1

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## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:

**See Supplemental Sheet**

2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

Continuation of Box II.1

Although claim 54 relates to a diagnostic method comprising an *in vivo* surgical procedure carried out on the human body in order to take a biological sample from a patient, such as a sample of serum, plasma or blood, the search was carried out and was based on the effects ascribed to the product.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR2004/050310

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03055994	A	10-07-2003	FR 2834294 A1	04-07-2003
			AU 2002364882 A1	15-07-2003
			EP 1458857 A1	22-09-2004
			WO 03055994 A1	10-07-2003
			US 2005037336 A1	17-02-2005
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